

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer apparatus having a wireless LAN (Local Area Network) connecting unit for connection with a wireless LAN, the computer apparatus comprising:

a GPS (Global Positioning System) receiver responsive to a GPS signal for producing current position data representative of a current position of the computer apparatus; and

an area data output unit responsive to the current position data for producing specific area data representative of a specific area including the current position;

the wireless LAN connecting unit being preliminarily given a plurality of wireless LAN communication modes corresponding to a plurality of area data, respectively, the wireless LAN connecting unit being responsive to the specific area data for automatically setting, as a selected communication mode, one of the wireless LAN communication modes which corresponds to the specific area data, thereby carrying out transmission/reception via the wireless LAN in the selected communication mode,

wherein:

each of the wireless LAN communication modes corresponding to the area data is determined by a specific radio frequency channel and a specific transmit power level used in an area represented by the area data corresponding thereto;

the wireless LAN connecting unit carrying out transmission/reception via the wireless LAN by the use of the specific radio frequency channel and the specific transmit power level which determine the selected communication mode.

2. (Canceled).

3. (Original) A computer apparatus as claimed in claim 1, wherein:

the area data output unit is responsive to the current position data and produces specific country data representative of a specific country including the current position;

the wireless LAN connecting unit being preliminarily given a plurality of wireless LAN communication modes corresponding to a plurality of country data, the wireless LAN

connecting unit being responsive to the specific country data and automatically setting, as a selected communication mode, one of the LAN communication modes which corresponds to the specific country data, thereby carrying out transmission/reception via the wireless LAN in the selected communication mode.

4. (Currently Amended) A computer apparatus having a wireless LAN (Local Area Network) connecting unit for connection with a wireless LAN, the computer apparatus comprising:

a current position data output unit for producing current position data representative of a current position of the computer apparatus; and

an area data output unit responsive to the current position data for producing specific area data representative of a specific area including the current position;

the wireless LAN connecting unit being preliminarily given a plurality of wireless LAN communication modes corresponding to a plurality of area data, respectively, the wireless LAN connecting unit being responsive to the specific area data for automatically setting, as a selected communication mode, one of the wireless LAN communication modes which corresponds to the specific area data, thereby carrying out transmission/reception via the wireless LAN in the selected communication mode,

wherein:

each of the wireless LAN communication modes corresponding to the area data is determined by a specific radio frequency channel and a specific transmit power level used in an area represented by the area data corresponding thereto;

the wireless LAN connecting unit carrying out transmission/reception via the wireless LAN by the use of the specific radio frequency channel and the specific transmit power level which determine the selected communication mode.

5. (Canceled).

6. (Original) A computer apparatus as claimed in claim 4, wherein:

the area data output unit is responsive to the current position data and produces specific country data representative of a specific country including the current position;

the wireless LAN connecting unit being preliminarily given a plurality of wireless LAN communication modes corresponding to a plurality of country data, the wireless LAN

connecting unit being responsive to the specific country data and automatically setting, as a selected communication mode, one of the LAN communication modes which corresponds to the specific country data, thereby carrying out transmission/reception via the wireless LAN in the selected communication mode.

7. (Original) A computer apparatus as claimed in claim 4, wherein:
the current position data output unit is a gyroscope for producing the current position data representative of the current position of the computer apparatus.

8. (Currently Amended) A client apparatus having a wireless LAN (Local Area Network) connecting unit for connection with a wireless LAN, the client apparatus comprising:

a current position data output unit for producing current position data representative of a current position of the client apparatus; and

an area data output unit responsive to the current position data for producing specific area data representative of a specific area including the current position;

the wireless LAN connecting unit being preliminarily given a plurality of wireless LAN communication modes corresponding to a plurality of area data, respectively, the wireless LAN connecting unit being responsive to the specific area data for automatically setting, as a selected communication mode, one of the wireless LAN communication modes which corresponds to the specific area data, thereby carrying out transmission/reception via the wireless LAN in the selected communication mode,

wherein:

each of the wireless LAN communication modes corresponding to the area data is determined by a specific radio frequency channel and a specific transmit power level used in an area represented by the area data corresponding thereto;

the wireless LAN connecting unit carrying out transmission/reception via the wireless LAN by the use of the specific radio frequency channel and the specific transmit power level which determine the selected communication mode.

9. (Canceled).

10. (Original) A client apparatus as claimed in claim 8, wherein:

the area data output unit is responsive to the current position data and produces specific country data representative of a specific country including the current position;

the wireless LAN connecting unit being preliminarily given a plurality of wireless LAN communication modes corresponding to a plurality of country data, the wireless LAN connecting unit being responsive to the specific country data and automatically setting, as a selected communication mode, one of the LAN communication modes which corresponds to the specific country data, thereby carrying out transmission/reception via the wireless LAN in the selected communication mode.

11. (Original) A client apparatus as claimed in claim 8, wherein:

the current position data output unit is a GPS (Global Positioning System) receiver responsive to a GPS signal for producing the current position data representative of the current position of the client apparatus.

12. (Original) A client apparatus as claimed in claim 8, wherein:

the current position data output unit is a gyroscope for producing the current position data representative of the current position of the client apparatus.

13. (Currently Amended) An electronic apparatus having a wireless LAN (Local Area Network) connecting unit for connection with a wireless LAN, the electronic apparatus comprising:

a current position data output unit for producing current position data representative of a current position of the electronic apparatus; and

an area data output unit responsive to the current position data for producing specific area data representative of a specific area including the current position;

the wireless LAN connecting unit being preliminarily given a plurality of wireless LAN communication modes corresponding to a plurality of area data, respectively, the wireless LAN connecting unit being responsive to the specific area data for automatically setting, as a selected communication mode, one of the wireless LAN communication modes which corresponds to the specific area data, thereby carrying out transmission/reception via the wireless LAN in the selected communication mode,

wherein:

each of the wireless LAN communication modes corresponding to the area data is determined by a specific radio frequency channel and a specific transmit power level used in an area represented by the area data corresponding thereto;

the wireless LAN connecting unit carrying out transmission/reception via the wireless LAN by the use of the specific radio frequency channel and the specific transmit power level which determine the selected communication mode.

14. (Canceled).

15. (Original) An electronic apparatus as claimed in claim 13, wherein:

the area data output unit is responsive to the current position data and produces specific country data representative of a specific country including the current position;

the wireless LAN connecting unit being preliminarily given a plurality of wireless LAN communication modes corresponding to a plurality of country data, the wireless LAN connecting unit being responsive to the specific country data and automatically setting, as a selected communication mode, one of the LAN communication modes which corresponds to the specific country data, thereby carrying out transmission/reception via the wireless LAN in the selected communication mode.

16. (Original) An electronic apparatus as claimed in claim 13, wherein:

the current position data output unit is a GPS (Global Positioning System) receiver responsive to a GPS signal for producing the current position data representative of the current position of the electronic apparatus.

17. (Original) An electronic apparatus as claimed in claim 13, wherein:

the current position data output unit is a gyroscope for producing the current position data representative of the current position of the electronic apparatus.

18. (New) An electronic apparatus as claimed in claim 1, wherein the area data output unit comprises a position data table, and

wherein the position data table includes means for periodically updating, from a server provided on the Internet, specific area position data stored in the position data table, the specific area position data including latitude and longitude data.

19. (New) A computer apparatus as claimed in claim 4, wherein the area data output unit comprises a position data table, and

wherein the position data table includes means for periodically updating, from a server provided on the Internet, specific area position data stored in the position data table, the specific area position data including latitude and longitude data.

20. (New) A client apparatus as claimed in claim 8, wherein the area data output unit comprises a position data table, and

wherein the position data table includes means for periodically updating, from a server provided on the Internet, specific area position data stored in the position data table, the specific area position data including latitude and longitude data.

21. (New) An electronic apparatus as claimed in claim 13, wherein the area data output unit comprises a position data table, and

wherein the position data table includes means for periodically updating, from a server provided on the Internet, specific area position data stored in the position data table, the specific area position data including latitude and longitude data.